Why you should care

- This is your money.
- Small companies are a resource of technical expertise to solve critical problems.
- $1-2M investment provides risk reduction of innovative technology.

What is the NAVAIR SBIR Program?

- Congressionally mandated set-aside for small businesses
- Highly competitive program
- Three-phased award system
- FY04 NAVAIR SBIR Budget: $90M*

**Our Job is to make sure the money is well spent*

SBIR Program Benefits

- Stimulates technological innovation
- Uses Small Businesses to meet Federal R&D needs
- Fosters and encourages minority and disadvantaged business participation
- Increases private sector commercialization innovations
- Provides technology solutions for Naval Aviation Systems

Phases of SBIR

Phase I

Purpose: Determine topic feasibility and scientific or technical merit.

Period of Performance: 6 months
Contract Value: $70K with $30K option
Eligible Companies: Small businesses
Competitive Solicitation

Phase II

Purpose: Demonstrate innovative process or prototype for Naval Aviation.

Period of Performance: 24 months
Contract Value: $750K
Eligible Companies: Successfully completed Phase I; government invitation; small business

Phase III

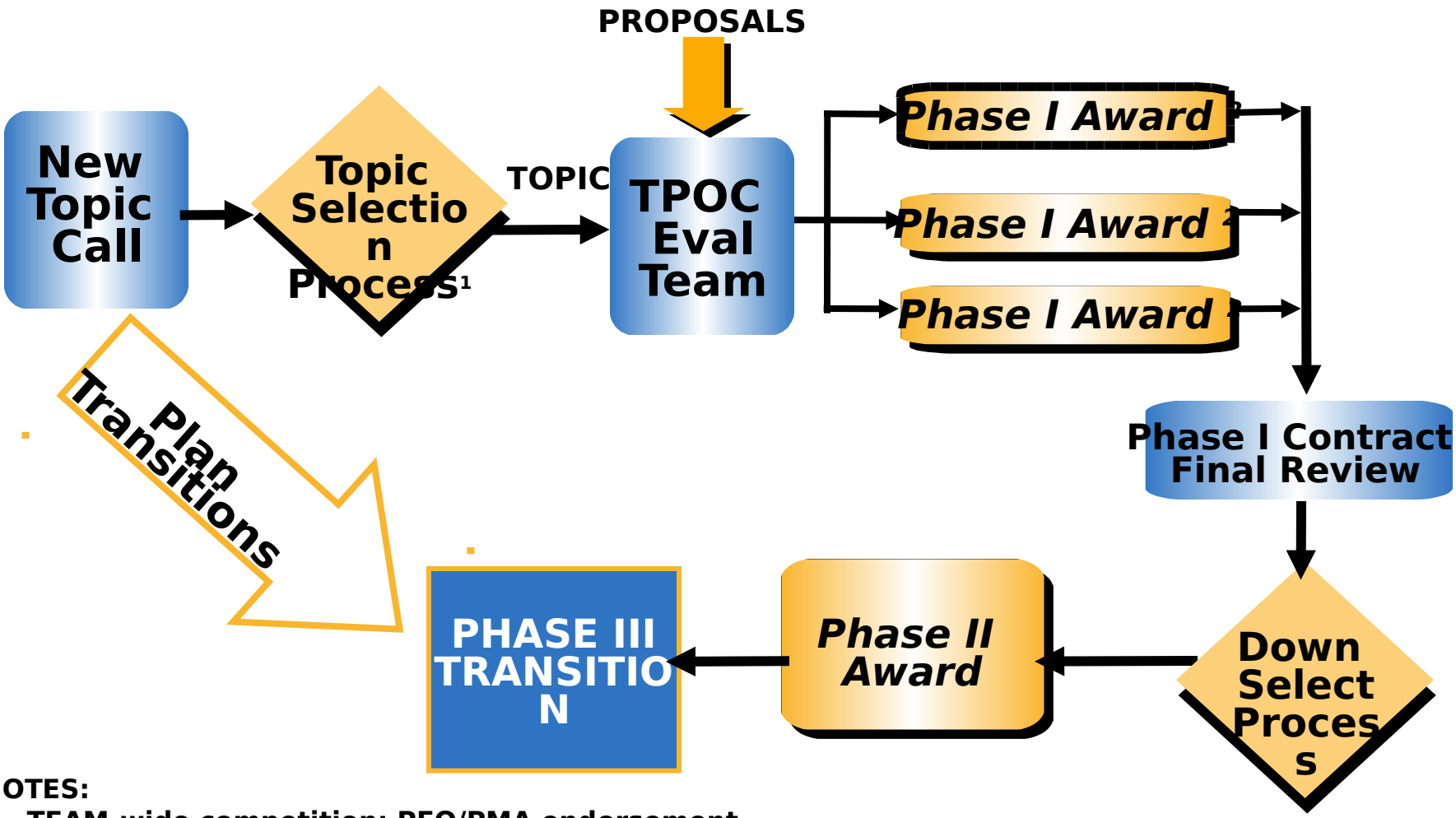
Purpose: Continue Phase II R&D or commercialize a new product, process or application.

Period of Performance: Unlimited
Contract Value: $Unlimited
Eligible Companies: Any SBIR company that has identified a non-SBIR source of funds

Proposer Eligibility

- Qualify as a small business.
- Perform minimum of 2/3 research and/or analytical work in Phase I and ½ work in Phase II.
- Primary employment of PI must be with small business (i.e. more than ½ of his time is with small company).
- All R&D work must be performed in U.S.

NAVAIR SBIR Process Overview



NOTES:
1. TEAM-wide competition; PEO/PMA endorsement required.
2. TPOC / PMA only evaluation.

Getting Started

Q: Who can submit a topic?

A: Anyone! *Topic must be sponsored by a NAVAIR scientist or engineer.*

Scientists and engineers from the competencies, T-Codes, PMAs, prime contractors, or small businesses may suggest a topic.

Current Phase I Projects

- Altitude, Lat. Long. Ref Database for man made obstacles

  Public – May 2004

  Feasibility Study Fall

  Selection for Prototype Development Early Spring

Current Phase II Projects

- N00-018 Compact Infrared Counter-measure (IRCM) Jam head
- N00-098 Extending service life of fasteners & hi-value propulsion system components
- N01-153 Lo volatile organic content solid film lubricant
- N01-038 Wireless sensors system for aircraft health maintenance
- N01-026 NDE of composite parts prior to cure

Current Phase II Projects

- N01-021 Low-drag aircraft slip resistant surface treatment
- N01-013 Mid-air collision avoidance system (MCAS) using mode 5
- N01-012 Wire chafing diagnotic technology for aircraft

Current Phase III Projects

- N99-052 Passive Obstacle Detection System
- N98-149 Repair of ceramic matrix composites for exhaust washed structure
- N95-147 Water crash dynamics & structural concepts for Naval helicopters
- N92-152 Development & testing of helicopter crew seat/cushion to increase survivability

NAVAIR SBIR Points of Contact

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SBIR Websites

- **NAVAIR SBIR website**

  https://sbir.navair.navy.mil/
  - NAVAIR process
  - Recent Awards
- **DoD Web Site**

  http://www.dodsbir.com
  - *Desk Reference*
  - DoD Program Solicitation
  - Fast Track Program
- **SBA Web Site**

  http://www.sba.gov/sbir/indexsbir-sttr.html
  - SBIR Policy Directive

SBIR Background

SBIR Program Legislation and Guidance

- Small Business Innovation Development Act of 1982, Public Law 97-219; reenacted in October 1986 by Public Law 99-443; reauthorized in 1992 by Public Law 102-564 and again in 2000 by Public Law 106-554 through 1 October 2008
- Small Business Administration Policy Directive: SBIR Program, effective September 24, 2002
- SECNAV Instruction 4380.7A, December 18, 1996
- Federal Acquisition Regulation 27.409(l)
- Defense Federal Acquisition Regulation Supplement 227.7104(a)

What Is a Small Business?

- Organized for Profit
- 500 Employees or Less
- At Least 51 Percent Owned by U.S. Citizens
- Principal Place of Business Located in U.S.